

REMARKS

Claims 1-4, 13-16, 20-22, 27 and 28 are pending. The Examiner's reconsideration of the rejections is respectfully requested in view of the amendments and remarks.

The specification has been objected to under 35 U.S.C. 112, first paragraph. The specification has been amended to clarify certain informalities. The Examiner's reconsideration of the objection is respectfully requested.

Claim 2 has been rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement.

Claim 2 claims, "wherein said display refreshes the image using image data stored in said panel memory."

The subject matter of claim 2 is described at, for example, page 27, lines 22-25, e.g., "refreshing of the screen and the like, is executed by the display device side". Accordingly, claim 2 is believed to comply with the written description requirement. The Examiner's reconsideration of the rejection is respectfully requested.

Claim 2 has been rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 2 claims, "wherein said display refreshes the image using image data stored in said panel memory."

Claim 2 has been amended, wherein a display refreshes the image using image data stored in said panel memory. The amended claim is believed to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Examiner's reconsideration of the rejection is respectfully requested.

Claim 3 has been rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 3 claims, "wherein said host transfers image data showing a first resolution to said display based on an output from an application executed with the first resolution, and said display scales said transferred image data having the first resolution to that having a second resolution higher than the first resolution."

Claim 3 has been amended to clarify the limitation, wherein image data is scaled to a second resolution, for example, as described at page 39, lines 22-26. Reconsideration of the rejection is respectfully requested.

Claims 1, 13, and 20 have been rejected under 35 U.S.C. 102(a) as being anticipated by U.S. Patent No. 6,384,807 to Furuhashi. The Examiner stated essentially that Furuhashi teaches all of the limitations of claims 1, 13, and 20.

Claim 1 recites, *inter alia*, "a display connected to the host, the display displaying an image, wherein said host transfers packetized image data to the display, said display includes a panel control for processing the packetized image data and a panel memory for storing processed image data, wherein the processed image data in the panel memory is displayed as the image." Claim 13 claims, *inter alia*, "An image display device comprising... a panel control, coupled to said image data receiving means, for processing said image data received from said image data receiving means and displaying a processed image on said panel; and a panel memory coupled to the panel control for storing the processed image data." Claim 20 recites, *inter alia*, "An image display device comprising... a panel control, coupled to said image data receiving means, for processing said image data received from said image data receiving means, storing

processed image data in a panel memory and performing a color adjustment for said image data, image data transferred by said plurality of applications, said image data being displayed as an image on said panel.”

Furuhashi teaches a main body of the information processing apparatus and a liquid crystal display (see Figure 23 and col. 43, lines 26-26). Furuhashi does not teach a “display includes a panel control for processing the packetized image data and a panel memory for storing processed image data” as claimed in claim 1. Similarly, Furuhashi does not teach an image display device comprising a panel control for processing image data, essentially as claimed in claims 13 and 20. The display control and display memory are components of the main body of information processing apparatus, such as a personal computer (see Figure 23). Furuhashi teaches that a display is separate from the image processing apparatus including the display memory and display control. The display of Furuhashi does not include a panel control as claimed in claim 1, 13, and 20. Therefore Furuhashi fails to teach all the limitations of claims 1, 13, and 20.

At least claim 20 is believed to be allowable for additional reasons.

Furuhashi does not teach “a panel control, coupled to said image data receiving means, for processing said image data received from said image data receiving means, storing processed image data in a panel memory and performing a color adjustment for said image data” as claimed in claim 20 (Emphasis added). Furuhashi teaches color filters for color display panels (see col. 44, lines 6-44). The color filters physical filters for controlling the color of a pixel. The color filters are not a panel control. Furuhashi does not teach a panel control performing a color adjustment, essentially as claimed in claim 20. Therefore, Furuhashi fails to

teach all the limitations of claim 20. The Examiner's reconsideration of the rejection is respectfully requested.

Claims 2 and 15 have been rejected under 35 U.S.C. 103(a) as being unpatentable over Furuhashi in view of U.S. Patent No. 5,757,365 to Ho et al. The Examiner stated essentially that the combined teachings of Furuhashi and Ho teach or suggest all the limitations of claims 2 and 15.

Claims 2 and 15 depend from claims 1 and 13, respectively. The dependent claims are believed to be allowable for at least the reasons given from claims 1 and 13. The Examiner's reconsideration of the rejection is respectfully requested.

Claims 3, 16, and 25 have been rejected under 35 U.S.C. 103(a) as being unpatentable over Furuhashi in view of U.S. Patent No. 6,611,260 to Greenberg et al. The Examiner stated essentially that the combined teachings of Furuhashi and Greenberg teach or suggest all the limitations of claims 3, 16, and 25.

Claims 3 and 16 depend from claims 1 and 13, respectively. The dependent claims are believed to be allowable for at least the reasons given from claims 1 and 13. Claim 25 has been cancelled. The Examiner's reconsideration of the rejection is respectfully requested.

Claims 4, 14, and 21 have been rejected under 35 U.S.C. 103(a) as being unpatentable over Furuhashi in view of U.S. Patent No. 6,097,364 to Miyamoto et al. The Examiner stated essentially that the combined teachings of Furuhashi and Miyamoto teach or suggest all the limitations of claims 4, 14, and 21.

Claims 4 and 14 depend from claims 1 and 13, respectively. The dependent claims are believed to be allowable for at least the reasons given from claims 1 and 13. At least claim 4 is believed to be allowable for additional reasons.

Claim 4 claims "wherein said host compresses said image data and transfers compressed image data to said display, and said display decompresses said compressed image data transferred thereto, and processes decompressed image data using said panel control." Claim 21 claims, *inter alia*, "a panel control of the image display device for processing said image data received from said image data receiving means and storing processed image data in a panel memory of the image display device."

Referring to claim 4, as suggested by the Examiner, Furuhashi is silent about a host compressing image data and transferring compressed image data to said display and said display decompresses said compressed image data using said panel control. Nowhere does Furuhashi teach or suggest that a display decompresses image data, essentially as claimed in claim 4. Thus, Furuhashi fails to teach or suggest all the limitations of claim 4.

Miyamoto teaches an information processing system of a computer, wherein a compression unit compresses data to fit in a frame memory (see Figure 1 and col. 6, lines 5-7). Miyamoto does not teach or suggest "wherein said host compresses said image data and transfers compressed image data to said display, and said display decompresses said compressed image data transferred thereto" as claimed in claim 4. Miyamoto teaches that the compressed contents of the frame memory are decompressed prior to being sent to a display by an expansion unit (see Figure 1, and col. 6, lines 14-18). Thus, the display of Miyamoto does not decompress image data, essentially as claimed in claim 4. Thus, Miyamoto fails to cure the deficiencies of Furuhashi. The combined teachings of Furuhashi and Miyamoto fail to teach or suggest that a "display decompresses said compressed image data transferred thereto" as claimed in claim 4.

Referring to claim 21, Furuhashi teaches a main body of the information processing apparatus and a liquid crystal display (see Figure 23 and col. 43, lines 26-26). Furuhashi does not

teach “a panel control of the image display device for processing said image data received from said image data receiving means and storing processed image data in a panel memory of the image display device” as claimed in claim 21. The display control and display memory are components of the information processing apparatus (see Figure 23). Furuhashi teaches that a display is separate from the image processing apparatus. The display of Furuhashi does not include a panel control as claimed in claim 21. Therefore, Furuhashi fails to teach or suggest all the limitations of claim 21.

Miyamoto teaches an information processing system of a computer (see Figure 1 and col. 5, lines 31-34). Miyamoto does not teach or suggest “a panel control of the image display device for processing said image data received from said image data receiving means and storing processed image data in a panel memory of the image display device” as claimed in claim 21. Miyamoto’s information processing system 1 is separate from the display 3 by a computer 2 (see Figure 1, col. 5, lines 31-34, and col. 5, line 65 to col. 6, line 1). Thus, the display of Miyamoto does not comprise a panel control, essentially as claimed in claim 21. Therefore, Miyamoto fails to cure the deficiencies of Furuhashi.

The combined teachings of Furuhashi and Miyamoto fail to teach or suggest “a panel control of the image display device for processing said image data received from said image data receiving means and storing processed image data in a panel memory of the image display device” as claimed in claim 21. The Examiner’s reconsideration of the rejection is respectfully requested

Claim 26 has been rejected under 35 U.S.C. 103(a) as being unpatentable over Furuhashi in view of U.S. Patent No. 5,784,035 to Hagiwara et al. The Examiner stated essentially that the combined teachings of Furuhashi and Hagiwara teach or suggest all the limitations of claim 26.

Claim 26 has been cancelled.

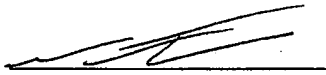
No rejection of claim 22 was presented in the Office Action.

New claims 27 and 28 depend from claims 1 and 20, respectively. The dependent claims are believed to be allowable for at least the reasons given for the independent claims.

For the forgoing reasons, the application, including claims 1-4, 13-16, 20-22, 27 and 28, is believed to be in condition for allowance. Early and favorable reconsideration of the case is respectfully requested.

Respectfully submitted,

By:


Nathaniel T. Wallace
Reg. No. 48,909
Attorney for Applicant(s)

Mailing Address:
F. Chau & Associates, LLC
1900 Hempstead Turnpike
Suite 501
East Meadow, NY 11554
Tel: (516) 357-0091
Fax: (516) 357-0092